

## **Curriculum Vitae**

Jason Raymond Falvey, PT, DPT, PhD  
Assistant Professor  
Department of Physical Therapy and Rehabilitation Science  
Department of Epidemiology and Public Health  
University of Maryland School of Medicine

**Date:** March 26<sup>th</sup>, 2021

### **Contact Information**

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### **Education**

2004 – 2008 Dual B.S., English and Kinesiology, Husson University (*summa cum laude*)  
2008 – 2010 D.P.T., Husson University  
2014 – 2018 Ph.D. Rehabilitation Science, University of Colorado-Anschutz Medical Campus.  
Thesis Advisor – Jennifer Stevens-Lapsley, MPT, PhD  
“Physical Function, Rehabilitation, and Hospital Readmissions Within  
Medically Complex Older Adult Populations”

### **Post Graduate Education and Training**

2018 - 2020 Post-Doctoral Research Fellowship, Epidemiology of Aging, Yale School of  
Medicine, Geriatrics Division (primary mentors: Thomas Gill, MD; Lauren  
Ferrante, MD, MHS)

### **Certifications**

2013 - 2023 American Board of Physical Therapy Specialties, Geriatric Clinical Specialist  
2013 American Physical Therapy Association, Academy of Geriatric Physical Therapy,  
Certified Exercise Expert for Aging Adults

### **Medical Licensures**

2010-2011 Physical Therapist| Inactive, Maine  
2011-2015 Physical Therapist| Inactive, Wyoming  
2014-2018 Physical Therapist| Inactive, Colorado  
2018-Present Physical Therapist| Active, Connecticut  
2020-Present Physical Therapist| Active, Maryland

## **Employment History**

### **Academic Appointments**

- 2010 Adjunct Faculty, Husson University  
2013-2015 Adjunct Faculty, Physical Therapy, Husson University  
2020- Assistant Professor, University of Maryland School of Medicine, Department of Physical Therapy and Rehabilitation Sciences  
2020- Assistant Professor, University of Maryland School of Medicine, Department of Epidemiology and Public Health (*by courtesy*)  
2020- Affiliate Faculty, University of Maryland School of Medicine/University of Maryland Baltimore County, Gerontology Program

### **Professional Society Membership**

- 2008-present General Member, American Physical Therapy Association  
2018-present General Member, American Geriatrics Society  
2019-present General Member, Society for Critical Care Medicine  
2020-present General Member, American Thoracic Society  
2020-present General Member, National Rural Health Association

### **Honors And Awards**

- 2004 Distinguished Scholars Award, Husson University, scholarship awarded for outstanding students entering Husson University from Maine high schools graduating as valedictorian or salutatorian  
2010 Watch Award, Husson University Department of Physical Therapy, awarded for highest GPA in physical therapy program  
2014 Hirs Merit Fellowship, University of Colorado-Anschutz Medical Campus, stipend supplement awarded for outstanding students entering PhD training  
2014 Kendall Award, Foundation for Physical Therapy Research, awarded to outstanding first-year PhD students in the physical therapy field  
2015 Promotion of Doctoral Studies I Award, Foundation for Physical Therapy Research, awarded annually to promising pre-candidacy PhD students in the physical therapy field  
2015 Fellowship for Geriatric Research, Academy of Geriatric Physical Therapy, awarded for excellence in geriatric physical therapy research  
2016 Promotion of Doctoral Studies I Award, Foundation for Physical Therapy Research, awarded annually to outstanding pre-candidacy PhD students in the physical therapy fields  
2016 Physical Therapy Preceptor of the Year, DAWN Interdisciplinary Medical Clinic, awarded by clinic volunteers to best preceptor of physical therapy students  
2016 Awardee, National Institutes of Health Loan Repayment Program  
2017 Adopt-a-Doc Award, Academy of Geriatric Physical Therapy, awarded to research excellence for PhD students conducting geriatric physical therapy research

- 2017 Promotion of Doctoral Studies II Award, Foundation for Physical Therapy Research, awarded annually to outstanding post-candidacy PhD students in the physical therapy field
- 2018 Promotion of Doctoral Studies II Award, Foundation for Physical Therapy Research, awarded annually to outstanding post-candidacy PhD students in the physical therapy field
- 2019 Trainee Travel Award, National Institute on Aging U13 Conference on Post-Acute Care, awarded for outstanding trainees presenting research at the conference
- 2019 Top Poster Award, National Institute on Aging U13 Conference on Post-Acute Care, awarded for top scoring posters at conference
- 2019 Dorothy Brigs Memorial Scientific Inquiry Award, American Physical Therapy Association, awarded for best student-authored manuscript in *Physical Therapy*
- 2019 Visiting Scholar Award, University of Texas Medical Branch, awarded to researchers for collaborations on large data projects with the Center for Large Data Research and Sharing in Rehabilitation
- 2019 Academy of Advanced Item Writers Inductee, Federation of State Boards of Physical Therapy, awarded for excellence in item writing for the National Physical Therapy Examination
- 2019 Renewal Awardee, National Institutes of Health Loan Repayment Program
- 2020 Star Research Award, Society for Critical Care Medicine, Awarded for Top Scoring Abstract in Epidemiology
- 2020 Rose Excellence in Research Award, Academy of Orthopedic Physical Therapy, awarded for best publication on orthopedic physical therapy
- 2020 President's Award, American Physical Therapy Association Home Health Section, awarded for exemplary service and leadership

**Clinical Activities**

**Clinical Expertise**

Board certified in geriatric physical therapy  
 Additional certification in exercise prescription for older adults with complex medical conditions  
 Current clinical and research foci are in the area of home health care and promoting high-quality aging in place for older adults

**Scope of Clinical Practice:**

- 2010-2011            MaineGeneral Medical Center (outpatient clinic), Waterville, ME  
 Staff Physical Therapist, Vestibular and Geriatrics Focus  
 100% FTE
  
- 2011-2013            Invinson Memorial Hospital (mixed inpatient/outpatient), Laramie, WY  
 Staff Physical Therapist-per diem  
 ~10% FTE

2011-2014 Cheyenne Regional Hospital (inpatient rehabilitation and acute care)  
Staff Physical Therapist-per diem  
~10% FTE

2012-2014 Summit Home Health Care (home health care), Cheyenne WY  
Staff Physical Therapist-contract  
Director of Rehabilitation, Cheyenne Office  
80% FTE Clinical, 20% FTE administrative

2015-2018 DAWN Pro-Bono Clinic (outpatient clinic/home health), Aurora, CO  
Clinical Preceptor  
Monthly volunteer (~4-6 hours/month) supervising physical therapy  
students treating uninsured patients in Denver-area free clinic

2019-2020 Constellation Home Care and Hospice (home health care), Orange, CT  
Staff Physical Therapist-per diem  
~5% FTE

2021- Baltimore Veterans Affairs Hospital, Staff Physical Therapist (Balance  
and Falls Clinic), Baltimore, MD  
~5% FTE

### **Administrative Service**

### **Institutional Service**

2015-2018 Peer Mentor, University of Colorado-Anschutz Medical Campus Graduate School  
2020: Medical Student Mentor, Summer Research Program, Yale School of Medicine  
Mentee: Christopher Keys, MS1

### **Local and National Service**

### **National Service**

2011-2013 Editorial Advisory Group Member, Perspectives Magazine, American Physical  
Therapy Association

2012-2015 Nominating Committee Member, American Physical Therapy Association, Health  
Policy and Administration Section, Technology in Physical Therapy Special  
Interest Group

2015-2017 Research Committee Member, American Physical Therapy Association,  
Healthcare Policy and Administration Section

2015-2018 Item Writer for National Physical Therapy Examination, Federation of State  
Boards of Physical Therapy

2016-2019 Member, American Physical Therapy Association Home Health Section Value  
Project Task Force

2016-2019 Abstract Review Panel, American Physical Therapy Association Section on  
Health Policy and Administration

2017-present Ambassador, National Institutes of Health Loan Repayment Program  
2018 Research Committee Chair, American Physical Therapy Association, Health  
Policy and Administration Section

- 2018 Appropriate Use Criteria Development Panel Member for Management of Post-Operative Infection, American Academy of Orthopedic Surgeons
- 2019-present Item Writer Task Force, Federation of State Boards of Physical Therapy
- 2019-present Discharge Planning and Transitions of Care Clinical Practice Guidelines Committee, Academy of Acute Care Physical Therapy
- 2020-present Post-Acute Care Workgroup, American Physical Therapy Association
- 2020-present Editorial Board Member, Associate Editor for Social Media, *Physical Therapy*
- 2020: Journal of Geriatric Physical Therapy, Impact Factor Task Force
- 2020-present Appointed Member, APTA Post Acute Care Task Force
- 2020-present: Appointed Member, National Quality Forum Patient Safety Standing Committee
- 2021: Appointed Temporary Member, Examination Development Committee, Federation of State Boards of Physical Therapy

### **Local Service**

- 2012-2014 Facilitator, Parkinson’s Support Group, Ivinson Memorial Hospital, Laramie, WY
- 2012-2015 Medical Volunteer, StrokeCamp
- 2015-2018 Certified Puppy Raiser, Guide Dogs for the Blind
- 2015-2018 Volunteer, 9Health Fairs Body in Balance Screening, Aurora CO
- 2016 Consultant, Colorado Board of Physical Therapy

### **Grant and Manuscript Review Service:**

#### **Manuscripts**

##### Peer-Reviewer:

- *Journal of Orthopedic and Sports Physical Therapy*
- *Journal of the American Medical Directors Association*
- *Journal of Geriatric Physical Therapy*
- *Physical Therapy*
- *Physical Medicine and Rehabilitation Journal*
- *The Gerontologist*
- *Clinical Rehabilitation*
- *Arthritis Care and Research*
- *PLOS one*
- *Journal of the American Geriatrics Society*
- *Journal of Gerontology: Medical Sciences*
- *BMC Geriatrics*
- *Academic Emergency Medicine*

##### Editorial Board:

- *Physical Therapy*, Associate Editor for Social Media (2020-2023)

## **Grants**

- 2016-2019 Research Grant Review Panel, American Physical Therapy Association Section on Health Policy and Administration
- 2020: Ad-hoc reviewer, Collaboration Innovation Awards, Institute of Translational Health Sciences, University of Washington

## **Teaching Service**

### **Undergraduate Student Teaching**

- 2010 Adjunct Instructor, Husson Experience (HE111), Husson University  
*Taught 2 1-credit courses on college readiness and career introduction for freshman students interested in allied health professions*

### **Medical Trainee Teaching**

- 2013-2015 Primary Instructor, Geriatric Physical Therapy (PT664), Husson University
- 2017 Guest Lecturer, Applied Exercise Science (PT7112), University of Colorado, Anschutz Medical Campus  
*Developed case studies and test questions, assisted with exercise labs (4 contact hours)*
- 2018-2019 Guest Lecturer, Healthcare Delivery II (PT6732), University of Colorado, Anschutz Medical Campus  
*Developed case studies and assignments on readmissions (8 contact hours/year)*
- 2019 Guest Lecturer, Professional Skills in Academia (RHSC 7002), University of Colorado, Anschutz Medical Campus  
*Provided lecture and facilitated discussion on post-doctoral training after PhD*
- 2020 Guest Lecturer, Clinical Epidemiology and Population Health (PT664), Northern Arizona University  
*Provided 2-hour lecture on the value of rehabilitation during the COVID-19 pandemic*
- 2020 Guest Lecturer, Rehabilitation Science Graduate Seminar, Louisiana State University
- 2020 Instructor, Neuromuscular 1 (DPTE 524), University of Maryland School of Medicine
- 2020 Instructor, Basic Sciences 2 (DPTE 513), University of Maryland School of Medicine
- 2021 Instructor, Neuromuscular 2 (DPTE 527), University of Maryland School of Medicine
- 2021 Instructor, Foundations in Rehabilitation Science II, University of Maryland School of Medicine

## **Resident and Fellow Teaching**

2019 Geriatric Didactic Education for Internal Medicine Residents, Yale University  
*Assisted with 3 4-hour courses on mobility assessment for older adults (12 contact hours)*

## **Grant Support**

### **Active Grants:**

09/30/2020-05/31/2022 (Consultant, Stakeholder Advisory Board; PI: Hwang, Ula Y)  
*“Geriatric Emergency care Applied Research network 2.0 – Advancing Dementia Care (GEAR 2.0 ADC)”*  
NIH, NIA R61AG069822  
Total Direct Costs: \$1,491,536

9/1/2020-8/31/2021 (Co-Investigator, in-kind 5% effort; mPIs Ferrante/Cohen)  
*“COVID-19 in Older Adults: A Longitudinal Assessment (VALIANT) [Pepper Center Supplement]*  
NIH/NIA P30AG021342-18S1  
Total Direct Costs: \$449,657

01/01/2020 – 12/31/21 (PI: 20%)  
*“Impact of Rehabilitation on Functional Recovery and Readmissions for Older Intensive Care Unit Survivors”*  
Foundation for Physical Therapy Research, Pipeline to HSR Award  
Annual Direct Costs: \$40,000  
Total Direct Costs: \$40,000

12/01/2020-11/30/2022 (Co-PI: 10%)  
*“Neighborhood Socioeconomic Disadvantage and Nursing Home Outcomes”*  
Donaghue Foundation, Another Look Award  
Annual Direct Costs: \$68,170  
Total Direct Costs: \$136,340

### **Completed Grants:**

2015-2016 (PI, 20%)  
*“Enhancing Physical Therapy Participation in Models of Transitional Care”*  
American Physical Therapy Association, Health Policy and Administration Section Research Grant  
Annual Direct Costs: \$15,000

Total Direct Costs: \$15,000

2016-2017

(PI, 25%)

*“The Role of Physical Therapists in Preventing Readmissions and Improving Function in Medicare Home Health Beneficiaries.”*

American Physical Therapy Association, Home Health Section  
Research Grant

Annual Direct Costs: \$10,000

Total Direct Costs: \$10,00

2016-2018

(Co-Investigator 20%) PI: J. Stevens-Lapsley

*“The Impact of Physical Therapy on Improving Function and Reducing Hospitalizations in Medicare Home Health (HH) Populations”*

Center on Health Services Training and Research (CoHSTAR)

Annual Direct Costs: \$25,000

Total Direct Costs: \$25,000

*Led acquisition and analysis of Medicare data,*

2017 – 2018

(PI, 100%)

*“Impact of impaired physical function on emergency room utilization, hospitalization, and nursing home admission in community-based long-term settings”*

NIH, NIA, F31 AG056069

Annual Direct Costs: \$29, 079

Total Direct Costs: \$29, 079

2016-2018

(Trainee, PI: Schwartz, Robert S)

*“Integrative Physiology of Aging Training Grant”*

NIH, NIA, T32 AG000279

Annual Direct Costs: \$527, 562

*Funded pre-doctoral trainee on NIA sponsored training grant*

2018 –2020

(Trainee, PI: T. Gill)

*“Yale Training Program in Geriatric Clinical Epidemiology and Aging- Related Research”*

NIH, NIA, T32 AG019134

Annual Direct Costs: \$316, 220

*Funded post-doctoral trainee on NIA sponsored training grant*



## Submitted Grants:

- 2021-2023** (PI, 25%; submitted)  
*Assessing the impact of early home health care on aging in place after traumatic brain injury*  
NIH/NICHHD Early Career Rehabilitation Investigator R03  
Annual Direct Costs: 100,000  
Total Direct Costs: \$200,000
- 2021-2022** (PI, 20%; resubmission pending)  
*Rural/Urban Disparities in Rehabilitation Use and Clinical Outcomes for Older Adults with ADRD Recovering from Hip Fracture*  
NIH/NIA R03  
Annual Direct Costs: \$100,000  
Total Direct Costs: \$200,000
- 2021-2022** (PI, 15%; not funded)  
*Utilization and Outcomes of Home Health Rehabilitation after Medical Hospitalization*  
Alliance for Home Health Care Quality and Innovation  
Annual Direct Costs: \$67,500
- 2021-2026 (PI, 75%; under review)  
*The ENRICH Study: Engaging Community and Municipal Stakeholders to Improve High Quality Aging in Place after Hip Fracture*  
NIH/NIA K76  
Annual Direct Costs: \$1,095,118

## Publications

### Peer-reviewed journal articles

1. **Falvey, JR**, and Crankshaw, A. "Application of ICF Model to a Patient With Home Mechanical Ventilation: A Case Report With 1-Year Follow-up." *Cardiopulmonary Physical Therapy Journal* 26.1 (2015): 15-21.
2. **Falvey JR**, Mangione K, Stevens-Lapsley JE. Rethinking Hospital-Associated Deconditioning: Proposed Paradigm Shift. *Phys Ther.* 2015 Sep;95(9):1307-15. PMID: 25908526; PMCID: PMC4556957.
3. Stevens-Lapsley, JE , Loyd, BJ. **Falvey, JR.**, Figel, G, Kittelson, A., Cumbler, E, Mangione, K. Progressive Multi-Component Home Based Physical Therapy Intervention Following Acute Hospitalization: A Small Pilot Randomized Controlled Trial. *Clin Rehab.* 2016 Aug; 30(8), 776-785 PMID: 26337626.

4. **Falvey JR**, Burke RE, Malone D, Ridgeway KJ, McManus BM, Stevens-Lapsley JE. Role of Physical Therapists in Reducing Hospital Readmissions: Optimizing Outcomes for Older Adults During Care Transitions from Hospital to Community. *Phys Ther*. 2016 Aug;96(8):1125-34. PMID: 26939601; PMCID: PMC4992143.
5. Gustavson AM, Wolfe P, **Falvey JR**, Eckhoff DG, Toth MJ, Stevens-Lapsley JE. Men and Women Demonstrate Differences in Early Functional Recovery After Total Knee Arthroplasty. *Arch Phys Med Rehabil*. 2016 July;97(7):1154-62. PMID: 27063363.
6. Burke RE, Jones CD, Coleman EA, **Falvey JR**, Stevens-Lapsley JE, Ginde AA. Use of post-acute care after hospital discharge in urban and rural hospitals. *The American Journal of Accountable Care* 2017;5(1):16-22
7. Gustavson AM, **Falvey JR**, Jankowski CM, Stevens-Lapsley JE. Public Health Impact of Frailty: Role of Physical Therapists (2017). *Journal of Frailty & Aging*. 6(1); 2-5.
8. **Falvey, JR**, Gustavson, AM, Price, L, Papazian, L, & Stevens-Lapsley, JE. Dementia, Comorbidity, and Physical Function in the Program of All Inclusive Care for the Elderly. *Journal of Geriatric Physical Therapy*, 42(2), E1-E6. PMID: 28437317
9. Loyd BJ, Jennings JJ, **Falvey JR**, et al. Magnitude of deformity correction may influence recovery of quadriceps strength following total knee arthroplasty. *The Journal of Arthroplasty*. 2017;32(9):2730-2737. PMID: 28559195 PMCID: PMC5572744
10. Gustavson AM, **Falvey JR**, Forster JE, Stevens-Lapsley JE. Predictors of Functional Change in a Skilled Nursing Facility Population. *Journal of Geriatric Physical Therapy*. 2017 Jun 21 [Epub ahead of print]
11. **Falvey, JR**, Burke, RE, Ridgeway, KJ, Malone, D, Forster, JE, & Stevens-Lapsley, JE. Involvement of acute care physical therapists in care transitions for older adults following acute hospitalization: A cross-sectional national survey. *Journal of Geriatric Physical Therapy* (in press).
12. **Falvey, JR**, Bade, MJ, Forster, JE, Burke, RE, Jennings, JM, Nuccio, E, & Stevens-Lapsley, JE. Utilization of Home-Health Physical Therapy Improves Early Functional Recovery in Medicare Beneficiaries Following Total Knee Arthroplasty. *Journal of Bone and Joint Surgery*. 2018 Oct 17;100(20):1728-1734. PMID: 30334882
13. **Falvey, JR**, Burke, RE, Levy, CR, Gustavson, AM, Forster, JE, & Stevens-Lapsley, JE. Impaired Physical Performance Predicts Hospitalization Risk For Participants In the Program of All Inclusive Care for the Elderly. *Physical Therapy*. Jan 1;99(1):28-36. PMID: 30602041 PMCID: PMC 6314329.
14. Collins, TL, Yong, KW, Marchetti, MT, Booths, B, Miller, KL & **Falvey, JR**. The Value of Home Health Physical Therapy. *Home Healthcare Now* 2019 May/Jun;37(3):145-151
15. **Falvey, JR**, Mangione, KK, Nordon-Craft, A, Cumbler, E, Burrows, K, Forster, JE, & Stevens-Lapsley, JE. Progressive Multi-Component Intervention Versus Usual Care for Older Adults In HH Settings Following Acute Hospitalization: Randomized Clinical Trial Protocol. *Phys Ther*. 2019 Sep 1;99(9):1141-1149.
16. Jones CD, Jones J, Bowles KH, Schroeder S, Masoudi FA, Coleman EA, **Falvey JR**, Levy CR, & Boxer RS. Patient, Caregiver, and Clinician Perspectives on Expectations for Home Health Care after Discharge: A Qualitative Case Study. *J Hosp Med*. 2019 Feb;14(2):90-95.
17. Zogg CK, **Falvey JR**, Dimick JB, Haider AH, Davis KA, Grauer JN. Changes in Discharge to Rehabilitation: Potential Unintended Consequences of Medicare THA/TKA

- Bundled Payments Should They Be Implemented on a Nationwide Scale. *Journal of Arthroplasty*. 2019 Jun;34(6):1058-1065.e4.
18. **Falvey JR** & Ferrante, LE. Frailty Assessment in the ICU: Translation to the "Real World" of Clinical Practice. *Anaesthesia*. 2019 Jun;74(6):700-703.
  19. Gustavson AM, Drake C, Lakin A, Daddato AE, **Falvey JR**, Capell W, Lum HD, Jones CD, Unroe KT, Towsley GL, Stevens-Lapsley JE, Levy CR, Boxer RS, and PACRATS Investigators. Conducting Clinical Research in Post-Acute and Long-Term Nursing Home Care Settings: Regulatory Challenges. *J Am Med Dir Assoc*. 2019 Jul;20(7):798-803
  20. **Falvey, JR**, Bade, MJ, Hogan, C, Forster, JE, and Stevens-Lapsley, JE. Pre-operative Activities of Daily Living Dependency is Associated With Readmissions Following Total Joint Arthroplasty. *Clinical Orthopedics and Related Research*. Epub ahead of print, October 31, 2019. PMID: 31688209
  21. Jones, CD, **Falvey, JR**, Hess, E, Levy, CR, Nuccio, E, Baron, AE, Masoudi, F & Stevens-Lapsley, JE. Predicting Hospital Readmissions from Home Health Care in Medicare Beneficiaries. *Journal of the American Geriatrics Society* 2019 Aug; 67(12): 2505-2510. PMID: 31463941
  22. LeDoux, C, Lindrooth, R, Seidler, K, **Falvey, JR**, & Stevens-Lapsley, JE. The Impact of Home Health Physical Therapy on Patients with a Primary Diagnosis of Dementia. *Journal of the American Geriatrics Society* 2019 (in press).
  23. **Falvey, JR**, Murphy, TE, Gill, TM, Stevens-Lapsley, JE & Ferrante, LE. Home Health Rehabilitation Utilization Among Medicare Beneficiaries Following Critical Illness. *Journal of the American Geriatrics Society* 2020 (in press).
  24. **Falvey, JR**, Krafft, C, & Kornetti, D. The Essential Role of Home and Community-Based Physical Therapists During the COVID-19 Pandemic. *Physical Therapy*, Apr 2020.
  25. **Falvey, JR** & Ferrante, LE. Flattening the Disability Curve: Rehabilitation and Recovery after COVID-19 Infection. *Heart and Lung*. Apr. 2020.
  26. Vincenzo, JL, Patton, SK, Lefler, LL, **Falvey, JR**, McElfish, PA, Curran, G, & Wei, J. Older Adults' Perspectives on the Role of Physical Therapy Interventions for Falls Prevention: A Qualitative Investigation. *Journal of Geriatric Physical Therapy* (accepted; in press).
  27. McGarry, B & **Falvey, JR**. Addressing Unmet Adaptive Equipment Needs through Primary Care [invited commentary]. *JAMA Internal Medicine*. Published online March 22, 2021. doi:10.1001/jamainternmed.2021.0398.
  28. Gustavson, AM, **Falvey, JR**, LeDoux, C, & Stevens-Lapsley, JE. Stakeholder and Data Driven Fall Screen in a Program of All-Inclusive Care for the Elderly: Quality Improvement Initiative. *Journal of Geriatric Physical Therapy* (accepted: in press).

### **Submitted or in-revision peer-reviewed journal articles**

1. **Falvey, JR**, Bade, MJ, Forster, JE, Jennings, J & Stevens-Lapsley, JE. Failure to Recover ADL Function Early after Total Joint Arthroplasty is Associated with Post-Surgical Hospital Readmission Rates. *Physical Therapy* (in revision).

2. Kumar, A, Roy, I, Warren, M, Shaibi, S, Fabricant, M, **Falvey, JR**, & Karmarkar, A. Use of Hospital-Based Rehabilitation Services and Discharge to the Community by Value-based Payment Programs after Elective Joint Replacement Surgery (*under review; PTJ*)
3. Gil, TM; Zhang, EX; Murphy, TE; Leo-Summers, L, Gahbauer, E, Festa, N; **Falvey, JR**; & Han, L. Neighborhood Disadvantage and Active, Disabled and Total Life Expectancy Among Community-living Older Persons. (*under review*). Preprint available at <https://www.medrxiv.org/content/10.1101/2021.02.05.21251217v1>.
4. Vickory, F; Ridgeway, KJ; **Falvey JR**; Houwer, B; Gunlikson, J; Payne, K; & Niehaus, W. Safety, Feasibility, and Outcomes of Intensive Rehabilitation within an Inpatient Rehabilitation Facility Following Prolonged Hospitalization for Severe COVID-19 (*under review, PTJ*).

### **Non-peer reviewed journal articles, editorials, and other invited publications**

1. **Falvey, J. R.**, Burke, R. E., & Stevens-Lapsley, J. E. (2015). Physical Function and Hospital Readmissions. *JAMA internal medicine*, 175(10), 1722 [in reply; letter to the editor]
2. Widmer, Greaves, Dawn; Stevens-Lapsley, JE; **Falvey, JR** & Diedrich, D. The Importance of Functional, HIT Strength Training-Why and How. *The Quarterly Report [publication of the APTA Home Health Section]*. Summer 2019; 1-7.
3. Gustavson, AM, Danilovich, MK, Lessem, RN, **Falvey, JR**. Addressing rehabilitation needs during a pandemic: solutions to reduce burden on acute and post-acute care. *J Am Med Dir Assoc*. 2020 (letter to the editor).

### **Major Invited Speeches**

#### Local

1. **Falvey, JR**, “Intensity Matters”, StrokeCamp, Allenspark, CO, 2012
2. **Falvey, JR**, “Increasing Exercise Intensity in stroke rehabilitation” Fort Collins Stroke Support Group, Fort Collins, CO, 2012
3. **Falvey, JR** & Alpeter, C. “Integrating music therapy strategies into physical rehabilitation for chronic stroke”, StrokeCamp, Allenspark, CO, 2013
4. **Falvey, JR**; Gustavson, AM; Stevens-Lapsley, JE. “Integrating standardized functional measurements into routine assessments for PACE participants”. Innovage, Denver, CO, 2015.
5. **Falvey, JR**. “The Role of Physical Therapy in Reducing Hospital Readmissions: A Proposed Paradigm Shift.” American Physical Therapy Association, Colorado Chapter, Denver, CO 2016.
6. **Falvey, JR**. Physical Function, Falls, and Emergency Room Utilization in the Program of All Inclusive Care for the Elderly. University of Colorado Physical Therapy Program, Aurora, CO 2016.
7. **Falvey, JR**. “Optimizing rehabilitation strategies for older adults with hospital associated deconditioning”, American Physical Therapy Association, Colorado Chapter, Denver, CO, 2017.
8. **Falvey, JR**. “A Primer on Post-Acute Care: Implications for Research.” Yale University Program on Aging, New Haven, CT, 2019.

9. **Falvey, JR.** Rehabilitation and Readmissions: A Call to Action”. University of Texas Medical Branch, Galveston, TX, 2019.
10. **Falvey, JR & Hatch, J.** “Rehabilitation and Hospital Readmissions: Preparing Therapists for the Next Generation.” Connecticut Chapter of the American Physical Therapy Association, Quinnipiac University, North Haven, CT, 2019.
11. **Falvey, JR.** “Movement as Medicine for the Recently Hospitalized Older Adult.” Presented as part of the Yale Geriatrics Workforce Development Grant, New Haven, CT, 2019.
12. **Falvey, JR.** Flattening the Disability Curve after Acute Hospitalization. Presented virtually as part of the VCU-Marquette Challenge Seminar Series.

### National

13. Latz, R, Wilkinson, S, **Falvey, JR.** “Practicality of Wearable Technology in Physical Therapy.” American Physical Therapy Association, Anaheim, CA 2016.
14. McManus, B, Magnusson, D, Kittelson, A, **Falvey, JR.** “Using Data to Inform Health Policy and Reimbursement.” American Physical Therapy Association, San Antonio, TX, 2017.
15. **Falvey, JR & Ridgeway, KJ.** “Physical Therapists and Hospital Readmissions: A Call to Action.” American Physical Therapy Association, San Antonio, TX, 2017.
16. **Falvey, JR,** Roczen, M, Starr, R, and Nuccio, E. “Improving Patient Mobility: Strategies and Techniques.” Center for Medicare and Medicaid Services [national webinar]. 2017.
17. **Falvey, JR,** Krafft, C, Kornetti, D. “Hot Topics in Home Health Care”. American Physical Therapy Association, Washington, DC, 2019.
18. Miller, K, **Falvey, JR,** Collins, T, Yong, K, & Booth, B. “The Value of Home Health Physical Therapy.” American Physical Therapy Association, Washington, DC, 2019.
19. Schmidt, C, Middleton, A, Horn, M & **Falvey, JR.** “Leveraging Big Data to Inform Clinical Decisions and Drive Quality Improvement.” American Physical Therapy Association, Washington, DC, 2019.
20. **Falvey, JR,** Kornetti, D, Krafft, C. “Therapy Utilization in PDGM: Data-Driven Decision Making.” National Association of Home Care and Hospice Annual Conference, Seattle, WA, 2019.
21. **Falvey, JR.** “Practical Tips to Assess and Address the Needs of an Older Adult who has Fallen.” Acute Care for Elders National Conference, Milwaukee, WI, 2019.
22. **Falvey, JR,** Kumar, A, Keeney, T & Schmidt, C. Rehabilitation Utilization Among High-Need Patient Populations: Advancing the Physical Therapy Health Services Research Agenda. American Physical Therapy Association CSM, Denver, CO, 2020.
23. **Falvey, JR,** Miller, K, Smith, J, Norris, T, & Gilroy, N. The PT’s Role in Reducing Resource Use and Lowering Hospital Readmissions Through Discharge Planning. American Physical Therapy Association CSM, Denver, CO, 2020.
24. **Falvey, JR.** Rose Award Lecture: Home Health Care, Functional Recovery, and Older Total Knee Replacement Recipients. American Physical Therapy Association CSM, Denver, CO, 2020.
25. **Falvey, JR.** “Muscle Memory: Optimizing Post-Acute Rehabilitation and Recovery for Survivors of Critical Illness” Society for Critical Care Medicine Annual Congress, Orlando, FL, 2020.

26. **Falvey, JR**, Felter, C, Zalewski, K, & Jerman, R. Rehabilitation and Recovery in Rural America: Preparing the Next Generation of Physical Therapists. Accepted for presentation at the American Physical Therapy Association CSM, Orlando, FL, 2021.

### **Proffered Communications**

#### **Poster Presentations: National**

1. Gordon, S, Morren, K, Beaumont, T, Cowie, J, **Falvey, JR**, Geel, N, Leadbetter, K, Leavitt, M, Maguire, S, Philbrook, C. Reflections on Becoming an Exemplary Clinical Instructor: Developing a Theory of Expert Clinical Instructing, American Physical Therapy Association, Combined Sections Meeting (New Orleans, LA 2011)
2. Leonard, K. D., **Falvey, JR.**, Qin, Z. (2012, June). The roles of self-identity and expertise in judging spatial properties of a remote target in aimed throwing. North American Society for the Psychology of Sport and Physical Activity Annual Conference (Honolulu, HI June 2012)
3. **Falvey, JR.**, & Zhu, Q. (2012, June). The effect of transcutaneous electrical nerve stimulation combined with mental practice to learn a novel fine motor skill. North American Society for the Psychology of Sport and Physical Activity Annual Conference (Honolulu, HI June 2012).
4. **Falvey, JR.** Making it HIRT so good: Using High Intensity Resistance Training to improve function in an older adult with a 6 year history of prolonged mechanical ventilation (APTA CSM 2014 Las Vegas, NV.)
5. Loyd, B., Nolte, M., Kittelson, A., Figel, G, **Falvey, JR.**, Cumbler, E, Mangione, K., Stevens-Lapsley, J. Progressive Multi-Component Home Based Physical Therapy Intervention Following Acute Hospitalization: A Small Randomized Control Trial. (American Physical Therapy Association Combined Sections Meeting Indianapolis, IN 2015)
6. Kosir, A, **Falvey, JR**, Stevens-Lapsley, JE. High-Intensity Physical Therapy Improves Functional Outcomes in Older Adults Following Acute Hospitalization. (International Conference for Frailty and Sarcopenia Research, Boston, MA 2015)
7. Reeder B, Richard A, **Falvey JR**, Paxton R, Stevens-Lapsley J. Adapting a Mobility Monitoring Protocol for Sensor Studies with Functionally Vulnerable Older Adults. (American Medical Informatics Association Annual Symposium 2015, San Francisco CA.)
8. **Falvey JR**, Kosir A, Cobo B, Shaver J, Krigbaum L, Papazian L, Stevens-Lapsley J. Physical Performance in the PACE population: Preliminary Results from the Innovage Prevention of Functional Decline and Falls Quality Improvement Project. (American Physical Therapy Association, Combined Sections Meeting Anaheim, CA 2016).
9. **Falvey, JR**, Price, L, Muller, M, Papazian, L, Gustavson, AM, and Stevens-Lapsley, JE. Prognostic Value of Physical Performance in the Program of All Inclusive Care for the Elderly. (Academy Health Annual Research Meeting, Boston, MA, June 26<sup>th</sup>, 2016).
10. Gustavson, AM; **Falvey, JR**; King, D; Smith, R; Maurer, D; Baym, C; Malone, D; Stevens-Lapsley, JE. A Quality Improvement Initiative to Improve Function for Patients in a Skilled Nursing Facility. (American Physical Therapy Association, Combined Sections Meeting San Antonio, TX 2017).
11. **Falvey, JR**, Nuccio, E, Bade, M, Burke, RE, Struessel, T, & Stevens-Lapsley, JE. Recovery of Physical Function and Hospital Readmissions in Medicare Fee For Service Beneficiaries After Total Knee Arthroplasty: The Continued Importance of Rehabilitation. (Center on Health Services Research and Training Summer Institute, Boston, MA, June 2017)

12. **Falvey, JR**, Jennings, J, Burke, RE, Bade, MJ, Dennis, D, & Stevens-Lapsley, JE. Predictors of Hospital Readmission from Home Health Care Following Total Knee Arthroplasty (American Academy of Orthopedic Surgeons, New Orleans, LA; March 2018):
13. **Falvey, JR**, Ferrante, LE, Gill, TM, & Stevens-Lapsley, JE. Home-Based Rehabilitation Improves Functional Recovery After Hospitalization for Critical Illness. (NIA U13 Post-Acute Care Research Conference, Denver, CO)
14. **Falvey, JR**, Ferrante, LE, Gill, TM, & Stevens-Lapsley, JE. Home-Based Rehabilitation Improves Functional Recovery After Hospitalization for Critical Illness. (American Geriatric Society Annual Meeting, Portland, OR, May 2019).
15. LeDoux CV, Seidler KF, **Falvey JR**, Forster, JE, Stevens-Lapsley, JE. Physical therapy improves functional performance in Medicare patients with a primary diagnosis of dementia. (NIA U13 Post-Acute Care Research Conference, Denver, CO).
16. Stutzbach J, Currier D, **Falvey JR**, Burrows K, Derlein D, Jansen M, Baker J, Cumbler E, and Stevens-Lapsley JE. Hospital Associated Deconditioning Among Older Adults Receiving Home Health Care. (NIA U13 Post-Acute Care Research Conference, Denver, CO).
17. \***Falvey, JR**, Ferrante, LE, Murphy, TE, Leo-Summers, L, & Gill, TM. Neighborhood Socioeconomic Disadvantage Is Associated with Poorer Functional Recovery for Older Adult Survivors of Critical Illness. (2020 American Geriatrics Society Presidential Poster Session, Long Beach, CA). \**Presentation accepted, but not delivered due to COVID19 Public Health Emergency*
18. Vincenzo, J.L., Patton, S.K., Lefler, L.L., **Falvey, J.R.**, McElfish, P.A., Curran, G., & Wei, J. (Poster- accepted). *Perceptions on the Role of Physical Therapy Providers for Falls Prevention: A Qualitative Investigation*. Annual Clinical and Translational Science Meeting, April, 2021 (virtual).
19. **Falvey, JR**, Murphy, TE, O’Leary, J; Leo-Summers, L, Cohen, AJ, & Ferrante, LE. The Impact of Social Isolation on Disability and Mortality among Older Survivors of Critical Illness. (2021 American Geriatrics Society Presidential Poster Session, virtual conference).

Oral Presentations: National

20. Kosir AM, **Falvey JR**, King D, Smith R, Maurer D, Stevens-Lapsley J. Capacity for Functional Improvement in a Medically-Complex Skilled Nursing Facility Population: Preliminary Results. (American Physical Therapy Association, Combined Sections Meeting, Anaheim, CA 2016)
21. **Falvey, JR**, Nuccio, E, Bade, M, Burke, RE & Stevens-Lapsley, JE. Utilization of Rehabilitation Services Is Associated with Better Functional Outcomes and Reduced Readmissions for Medicare Home Health Users Following Total Knee Arthroplasty. (Academy Health Annual Research Meeting. Top Abstracts Section, Surgical and Perioperative Care Special Interest Group Meeting, New Orleans, LA 2017)
22. **Falvey, JR**, Burke, RE, Nuccio, E, Forster, JE, Stevens-Lapsley, JE. Predictors of Hospital Readmission from Home Health Care Following Total Knee Arthroplasty. (American Physical Therapy Association, Combined Sections Meeting, New Orleans LA, Feb. 2018).
23. **Falvey, JR**, Papazian, L, Burkhardt, B, Gustavson (Kosir), AM, Stevens-Lapsley, JE. Short Physical Performance Battery Scores Predicts Hospitalization Risk in Older Adults Receiving Long Term Services and Supports. (American Physical Therapy Association, Combined Sections Meeting, New Orleans LA, Feb. 2018).

24. LeDoux, C, Seidler, K, **Falvey, JR**, Forster, JE, & Stevens-Lapsley, JE. Physical Therapy Improves Functional Performance in Medicare Patients With a Primary Diagnosis of Dementia. (American Physical Therapy Association, Combined Sections Meeting, Washington D.C., Jan 2019).
25. **Falvey, JR**, Murphy, TE, Gill, TM, Stevens-Lapsley, JE & Ferrante, LE. Variability in Home Health Rehabilitation Utilization for Older Intensive Care Unit Survivors. (Johns Hopkins Critical Care Rehabilitation Conference, Baltimore, MD, Oct. 2019).
26. **Falvey, JR**, Murphy, TE, Gill, TM, Stevens-Lapsley, JE & Ferrante, LE. Factors Associated with Home Health Rehabilitation Utilization for Older Survivors of Critical Illness. (Society for Critical Care Medicine, Star Award Presentations: Epidemiology, Orlando, FL 2020).
27. \***Falvey, JR**. Socioeconomics and Post-ICU Recovery. (13th International Meeting of Physical Medicine & Rehabilitation in the Critically Ill, Philadelphia, PA, May 2020  
*\*Presentation accepted, but not delivered due to COVID19 Public Health Emergency*)
28. **Falvey, JR**, Murphy, TE, Leo-Summers, L, Gill, TM & Ferrante, LE. Neighborhood Disadvantage and Disability Burden after Critical Illness. American Physical Therapy Association, Combined Sections Meeting, 2020 [virtual].
29. **Falvey, JR**, Murphy, TE, O'Leary, J; Leo-Summers, L, Cohen, AB, & Ferrante, LE. The Impact of Social Isolation on Disability and Mortality among Older Survivors of Critical Illness. (2021 American Thoracic Society, virtual conference)